King County Environmental Laboratory

WORK GROUP REPORT (wk02)

Dec 13 2006, 02:18 pm

Work Group: WG89086 (BL#676 PHPAHSOURCE) for Department: 7 - Organics, Trace

Created: 16-NOV-06 PrepDate: 07-NOV-06 Due: Operator: JG

Sample	Project Number	Project Description	PKey	C	Product	Matrix	Stat	UA	Workdate	Duedate
L40900-1	423589-090-1	Lower Duwamish Phthalate Studies		S	PHPAHSOURCE	STORM WTR	PREP	U	15-NOV-06	01-DEC-06
L40900-2	423589-090-1	Lower Duwamish Phthalate Studies		S	PHPAHSOURCE	STORM WTR	PREP	U	15-NOV-06	01-DEC-06
L40900-3	423589-090-1	Lower Duwamish Phthalate Studies		S	PHPAHSOURCE	STORM WTR	PREP	U	15-NOV-06	01-DEC-06
L40900-4	423589-090-1	Lower Duwamish Phthalate Studies		S	PHPAHSOURCE	STORM WTR	PREP	U	15-NOV-06	01-DEC-06
L40900-5	423589-090-1	Lower Duwamish Phthalate Studies		S	PHPAHSOURCE	STORM WTR	PREP	U	15-NOV-06	01-DEC-06
WG89086-1	SB			S	PHPAHSOURCE	BLANK WTR	PREP	U	16-NOV-06	
WG89086-2	MB			S	PHPAHSOURCE	BLANK WTR	PREP	U	16-NOV-06	
WG89086-3	SBD			S	PHPAHSOURCE	BLANK WTR	PREP	U	16-NOV-06	
WG89086-4	MB			S	PHPAHSOURCE	BLANK WTR	PREP	U	16-NOV-06	

Comments:

L40900-1	carboys
L40900-2	carboys
L40900-3	carboys
L40900-4	carboys
L40900-5	carboys
WG89086-1	WG89086-2
WG89086-2	MB061107
WG89086-3	WG89086-1 WG89086-2
WG89086-4	MB061108

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab QC Report - 12/20/06 10:03
Run ID: R117885 Workgroup: WG89086 (BL#676 PHPAHSOURCE)

AIM 12/20/06

SBD:WG89086-3 SB:WG89086-1 MB:WG89086-2 Matrix: BLANK WTR Listtype: ORPHPAHSOURCE Method: 8270B Project: 423589-090-1 Pkey: STD
(Spiked Blank Duplicate, Spike Blank, Method Blank)

Parameter	Mdl	Rdl	Units	MB Value	Truevalue	SB Value	% Rec	Qual	LabLimit	Truevalue	SBD Value	% Rec	Qual	LabLimit	RPD	Qual	LabLimi
Acenaphthylene	.0067	.0133	ug/L	<MDL	0.167	.0638	38		10-150	0.167	.0772	46		10-150	19		100
Dimethyl Phthalate	.0067	.0133	ug/L	<MDL	0.167	.0952	57		10-150	0.167	.105	63		10-150	10		100
Fluorene	.0067	.0133	ug/L	<MDL	0.167	.0889	53		10-150	0.167	.103	62		10-150	16		100
Diethyl Phthalate	.01	.02	ug/L	.011	0.167	.143	79		10-150	0.167	.154	86		10-150	8		100
Phenanthrene	.0067	.0133	ug/L	<MDL	0.167	.117	70		10-150	0.167	.128	77		10-150	10		100
Anthracene	.0067	.0133	ug/L	<MDL	0.167	.107	64		10-150	0.167	.115	69		10-150	8		100
Di-N-Butyl Phthalate	.0067	.0133	ug/L	.0236	0.167	.201	106		10-150	0.167	.206	109		10-150	3		100
Pyrene	.0067	.0133	ug/L	<MDL	0.167	.153	92		10-150	0.167	.154	93		10-150	1		100
Benzyl Butyl Phthalate	.0067	.0133	ug/L	.011	0.167	.219	125		10-150	0.167	.216	123		10-150	2		100
Benzo(a)anthracene	.0067	.0133	ug/L	<MDL	0.167	.151	90		10-150	0.167	.151	91		10-150	1		100
Chrysene	.0067	.0133	ug/L	<MDL	0.167	.143	86		10-150	0.167	.146	88		10-150	2		100
Bis(2-Ethylhexyl)Phthalate	.0067	.0133	ug/L	.0442	0.167	.2	94		10-150	0.167	.215	102		10-150	8		100
Benzo(b)fluoranthene	.01	.02	ug/L	<MDL	0.167	.131	79		10-150	0.167	.139	83		10-150	5		100
Benzo(k)fluoranthene	.01	.02	ug/L	<MDL	0.167	.131	79		10-150	0.167	.142	85		10-150	7		100
Benzo(a)pyrene	.01	.02	ug/L	<MDL	0.167	.116	70		10-150	0.167	.125	75		10-150	7		100
Indeno(1,2,3-Cd)Pyrene	.01	.02	ug/L	<MDL	0.167	.0798	48		10-150	0.167	.0963	58		10-150	19		100
Dibenzo(a,h)anthracene	.01	.02	ug/L	<MDL	0.167	.0871	52		10-150	0.167	.105	63		10-150	19		100
Benzo(g,h,i)perylene	.01	.02	ug/L	<MDL	0.167	.0778	47		10-150	0.167	.0931	56		10-150	17		100

MB:WG89086-2 Matrix: BLANK WTR Listtype: ORPHPAHSOURCE Method: 8270B Project: 423589-090-1 Pkey: STD
(Method Blank)

Parameter	Mdl	Rdl	Units	MB Value	Qual
Naphthalene	.013	.0267	ug/L	<MDL	
Acenaphthylene	.0067	.0133	ug/L	<MDL	
Dimethyl Phthalate	.0067	.0133	ug/L	<MDL	
Acenaphthene	.0067	.0133	ug/L	<MDL	
Fluorene	.0067	.0133	ug/L	<MDL	
Diethyl Phthalate	.01	.02	ug/L	.011	B
Phenanthrene	.0067	.0133	ug/L	<MDL	
Anthracene	.0067	.0133	ug/L	<MDL	
Di-N-Butyl Phthalate	.0067	.0133	ug/L	.0236	B
Fluoranthene	.0067	.0133	ug/L	<MDL	
Pyrene	.0067	.0133	ug/L	<MDL	
Benzyl Butyl Phthalate	.0067	.0133	ug/L	.011	B
Benzo(a)anthracene	.0067	.0133	ug/L	<MDL	
Chrysene	.0067	.0133	ug/L	<MDL	
Bis(2-Ethylhexyl)Phthalate	.0067	.0133	ug/L	.0442	B
Di-N-Octyl Phthalate	.01	.02	ug/L	<MDL	
Benzo(b)fluoranthene	.01	.02	ug/L	<MDL	
Benzo(k)fluoranthene	.01	.02	ug/L	<MDL	
Benzo(a)pyrene	.01	.02	ug/L	<MDL	
Indeno(1,2,3-Cd)Pyrene	.01	.02	ug/L	<MDL	
Dibenzo(a,h)anthracene	.01	.02	ug/L	<MDL	
Benzo(g,h,i)perylene	.01	.02	ug/L	<MDL	
2-Methylnaphthalene	.01	.02	ug/L	<MDL	

KCSlip4 58702
SEA425001

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab QC Report - 12/20/06 10:03
Run ID: R117885 Workgroup: WG89086 (BL#676 PHPAHSOURCE)

MB:WG89086-4 Matrix: BLANK WTR Listtype: ORPHPAHSOURCE Method: 8270B Project: 421589-090-1 Pkey: STD
(Method Blank)

Parameter	Mdl	Rdl	Units	MB Value	Qual
Naphthalene	.013	.0267	ug/L	<MDL	
Acenaphthylene	.0067	.0133	ug/L	<MDL	
Dimethyl Phthalate	.0067	.0133	ug/L	<MDL	
Acenaphthene	.0067	.0133	ug/L	<MDL	
Fluorene	.0067	.0133	ug/L	<MDL	
Diethyl Phthalate	.01	.02	ug/L	<MDL	
Phenanthrene	.0067	.0133	ug/L	<MDL	
Anthracene	.0067	.0133	ug/L	<MDL	
Di-N-Butyl Phthalate	.0067	.0133	ug/L	.0242	B
Fluoranthene	.0067	.0133	ug/L	<MDL	
Pyrene	.0067	.0133	ug/L	<MDL	
Benzyl Butyl Phthalate	.0067	.0133	ug/L	.011	B
Benzo(a)anthracene	.0067	.0133	ug/L	<MDL	
Chrysene	.0067	.0133	ug/L	<MDL	
Bis(2-Ethylhexyl)Phthalate	.0067	.0133	ug/L	.0524	B
Di-N-Octyl Phthalate	.01	.02	ug/L	<MDL	
Benzo(b)fluoranthene	.01	.02	ug/L	<MDL	
Benzo(k)fluoranthene	.01	.02	ug/L	<MDL	
Benzo(a)pyrene	.01	.02	ug/L	<MDL	
Indeno(1,2,3-Cd)Pyrene	.01	.02	ug/L	<MDL	
Dibenzo(a,h)anthracene	.01	.02	ug/L	<MDL	
Benzo(g,h,i)perylene	.01	.02	ug/L	<MDL	
2-Methylnaphthalene	.01	.02	ug/L	<MDL	

KCSlip4 58703
SEA425002

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab QC Report - 12/20/06 10:03
Run ID: R117885 Workgroup: WG89086 (BL#676 PHPAHSOURCE)

Sample #	d14-Terphenyl	D6-Dimethyl Phthalate	D8-Acenaphthylene	D10-Fluorene	D10-Anthracene	D10-Pyrene	D12-Benzo(a)pyrene
(Lab Limits)	33-141	0-150	0-150	0-150	0-150	0-150	0-150
L40900-1	98	60	0 *	0 *	0 *	37	72
L40900-2	96	19	0 *	0 *	0 *	21	74
L40900-3	100	0 *	0 *	0 *	0 *	24	46
L40900-4	98	26	0 *	0 *	0 *	38	68
L40900-5	90	17	0 *	0 *	0 *	44	60
WG89086-1	82	66	50	60	78	109	92
WG89086-2	84	64	45	56	81	116	104
WG89086-3	79	72	64	72	84	109	95
WG89086-4	87	64	53	60	87	117	109

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If the following parameters are reported, values in the RPD column are their Absolute Differences:

pH
pH, Field
Salinity
Salinity, Field
Sample Depth
Sample Temperature, Field

KCSlip4 58704
SEA425003

Rand 13 - Samples

LIQUID SAMPLE EXTRACTION RECORD FOR BNA ANALYSIS
TRACE ORGANICS LABORATORY

Acetone Lot* 065490

MeCL2 Lot # CR332 PHPAHSOURCE/PCBLL via SPE

QC BATCH NO.: BL #676

EPA SW-846 EXTRACTION METHOD:

CONT. L-L EPA 3520 SEP. FUNNEL EPA 3510

WORKGROUP NO.: { PHPAHSOURCE = WG89086 PCBLL = WG89087

BNA SURROGATE SPIKE: 1315 + 1205 (DMCs)

BNA MATRIX SPIKE: 1246

PCB Field Surr = 121
PCB House Surr = 121
PCBLL MS = 126

Date/ Analyst	Sample Number	Project Number	Sample Description	coc	pH	Initial Amt. (ml)	Spike Amount (ul)	Vf (ml)	Conc. Anlyst	Turn Over Date	Comments	
JG 11/07/06	WG89086-1 WG89087-1	QC	SB		6	3000	1205-25µl 1315-100µl 1216-100µl 1217-100µl 1261-100µl 1246-50µl	1.0	JG	12/13/06	15 ml MeOH. ~~MeOH~~ JG 11/07/06	12.
	WG89086-2 WG89087-2	QC	MB		6	3000	1205-25µl 1315-100µl 1216-100µl 1217-100µl	1.0	JG	12/13/06	15 ml MeOH.	14.
	L40900-5	423589-090-001	SPLC-01-092806-110106 Lower Duwamish Source		5	2850	*	1.0	JG	12/13/06	14 ml MeOH. * Stds 1205 & 1217 spiked pre-deployment. pH 5-6	18.
	L40900-3	423589-090-001	DZ-01-092806-110106 Lower Duwamish Source		5	2780	*	1.0	JG	12/13/06	13 ml MeOH. * Stds 1205 & 1217 spiked pre-deployment. pH 5-6	16.
JG 11/08/06	WG89086-3 WG89087-3	QC	SBD		6	3000	1205-25µl 1315-100µl 1216-100µl 1217-100µl 1261-100µl 1246-50µl	1.0	JG	12/13/06	15 ml MeOH.	15.
	WG89086-4 WG89087-4	QC	MB		6	3000	1205-25µl 1315-100µl 1216-100µl 1217-100µl	1.0	JG	12/13/06	15 ml MeOH.	14.
	L40900-1	423589-090-001	BWR-01-092806-110106 Lower Duwamish Source		6	2680	*	1.0	JG	12/13/06	13 ml MeOH. * Stds 1205 & 1217 spiked pre-deployment.	19.
	L40900-2		CER-01-092806-110106 Lower Duwamish Source		6	2690	*		JG	12/13/06	15 ml MeOH. * Stds 1205 & 1217 spiked pre-deployment	16.
	L40900-4		KCIA-01-092806-110106 Lower Duwamish Source		5	2800	*		JG	12/13/06	15 ml MeOH. * Stds 1205 & 1217 spiked pre-deployment	13.
*	Post-SPE Blank	421176	~~SPE Blank~~ JG 12/13/06 Post-SPE Blank		–	2800	—	1.0	JG	12/13/06	~40 ml acetone, ~120 ml MeCl2 - To four (4) VOA vials. Processed through Na_2SO_4 and K-D. No SPE disk used. No surrogate add.	
											* Post-SPE Blank not included in WG89086/087	

All samples (except Post-SPE Blank) processed using SPE Lot* C03N14.

KCSlip4 58705

SEA425004

Batch: \\Orgizmo\EE\chem\6890n.i\061214.b

#	Smp. #	Injection Time	Wkgp. #	QC #	Project #	Sample Description	Matrix	Amount	DilFac	IS#2-RT	IS#2-Area	Method	Init Cali	Analyst
1	BLANK-1	14-DEC-2006 06:12	SDGa1658	SDGa16	421152	Solvent Blank + ISTD's	WATER	1000.000	1.0	6.695	317722	PHPAH.m	04-DEC-2006	Dave Fada
2	DFTPP-1	14-DEC-2006 06:53	SDGa2816	SDGa28	421152	SS#1254x50 DFTPP	NONE	0.000	1.0	12.733	111744	LVI_DFTP.m		Dave Fada
3	CCALI-1	14-DEC-2006 07:34	SDGa1658	SDGa16	421152	SS#1345E 250 ppb	WATER	1.000	1.0	6.695	365513	PHPAH.m	04-DEC-2006	Dave Fada
4	SPEBLANK-1	14-DEC-2006 08:38	SDGa1658	SDGa16	423589-09	Surrogate Check SS#1343	WATER	2000.000	1.0	6.686	355969	PHPAH.m	04-DEC-2006	Dave Fada
5	WG89086-2	14-DEC-2006 09:19	WG89086	BL#676	423589-09	Method Blank (11-07-2006)	WATER	3000.000	1.0	6.686	384920	PHPAH.m	04-DEC-2006	Dave Fada
6	WG89086-4	14-DEC-2006 09:59	WG89086	BL#676	423589-09	Method Blank (11-08-2006)	WATER	3000.000	1.0	6.686	366274	PHPAH.m	04-DEC-2006	Dave Fada
7	WG89086-1	14-DEC-2006 10:39	WG89086	BL#676	423589-09	Spike Blank (11-07-2006)	WATER	3000.000	1.0	6.686	356159	PHPAH.m	04-DEC-2006	Dave Fada
8	WG89086-3	14-DEC-2006 11:19	WG89086	BL#676	423589-09	Spike Blank Dup (11-08-2006)	WATER	3000.000	1.0	6.686	364397	PHPAH.m	04-DEC-2006	Dave Fada
9	L40900-1	14-DEC-2006 12:00	WG89086	BL#676	423589-09	Lower Duwamish Phthalate Stu	WATER	2680.000	10.0	6.686	397893	phpah.m	04-DEC-2006	Dave Fada
10	L40900-2	14-DEC-2006 12:41	WG89086	BL#676	423589-09	Lower Duwamish Phthalate Stu	WATER	2690.000	10.0	6.686	393704	phpah.m	04-DEC-2006	Dave Fada
11	L40900-3	14-DEC-2006 13:23	WG89086	BL#676	423589-09	Lower Duwamish Phthalate Stu	WATER	2780.000	10.0	6.686	405100	phpah.m	04-DEC-2006	Dave Fada
12	L40900-4	14-DEC-2006 14:04	WG89086	BL#676	423589-09	Lower Duwamish Phthalate Stu	WATER	2800.000	10.0	6.695	365775	phpah.m	04-DEC-2006	Dave Fada
13	L40900-5	14-DEC-2006 14:45	WG89086	BL#676	423589-09	Lower Duwamish Phthalate Stu	WATER	2850.000	10.0	6.695	364495	phpah.m	04-DEC-2006	Dave Fada

Samples: 5 **QC Samples + Misc.:** 6 **ContinuingCals:** 1 **Tunes:** 1 **Calibrations:** 0

```
Sequence Name: C:\msdchem\1\sequence\061214.S
      Comment:
     Operator: Dave Fada
    Data Path: C:\MSDCHEM\1\DATA\061214\
Instrument Control  Pre-Seq Cmd:
Data Analysis       Pre-Seq Cmd:

Instrument Control Post-Seq Cmd:
Data Analysis      Post-Seq Cmd:

  Method Sections To Run      On A Barcode Mismatch
   (X) Full Method              (X) Inject Anyway
   ( ) Reprocessing Only        ( ) Don't Inject

  ---------------------------------------------------------------------
  Line                  Sample Name/Misc Info
  ---------------------------------------------------------------------
  1   Type: Blank       Solvent Blank + ISTD's
      Vial: 1           Solvent Blank + ISTD's
      Method  : PHPAH.M
      Datafile: BLANK-1.D
      Bar Code: 421152            Samp Amt: 1000        Multiplr: 1
      Matrix          :Method Default   Sublist          :Method Default
      Spikelist       :Method Default   Re-inject        :No
  ---------------------------------------------------------------------
  2   Type: Tune        SS#1254x50 DFTPP
      Vial: 2           DFTPP 1.0 ug/ml 20 ul injection
      Method  : LVI_DFTP.M
      Datafile: DFTPP-1.D
      Bar Code: 421152            Samp Amt: 1           Multiplr: 1
      Matrix          :Method Default   Sublist          :Method Default
      Spikelist       :Method Default   Re-inject        :No
  ---------------------------------------------------------------------
  3   Type: Cont.Cal    SS#1345E 250 ppb
      Vial: 3           Phthalate/PAH 250 ppb 20 ul injection
      Method  : PHPAH.M
      Datafile: CCALI-1.D
      Bar Code: 421152            Samp Amt: 1           Multiplr: 1
      Matrix          :Method Default   Sublist          :Method Default
      Spikelist       :Method Default   Re-inject        :No
  ---------------------------------------------------------------------
  4   Type: Blank       Surrogate Check SS#1343
      Vial: 4           None
      Method  : PHPAH.M
      Datafile: SPEBLANK-1.D
      Bar Code: 423589-090-1      Samp Amt: 2000        Multiplr: 1
      Matrix          :Liquid           Sublist          :Method Default
      Spikelist       :Method Default   Re-inject        :No
  ---------------------------------------------------------------------
  5   Type: Blank       Method Blank (11-07-2006)
      Vial: 5           WG89086;BL#676;SS#969x200;SS#1205/1315
      Method  : PHPAH.M
      Datafile: WG89086-2.D
      Bar Code: 423589-090-1      Samp Amt: 3000        Multiplr: 1
      Matrix          :Liquid           Sublist          :Method Default
      Spikelist       :Method Default   Re-inject        :No
  ---------------------------------------------------------------------
  6   Type: Blank       Method Blank (11-08-2006)
      Vial: 6           WG89086;BL#676;SS#969x200;SS#1205/1315
      Method  : PHPAH.M
      Datafile: WG89086-4.D
      Bar Code: 423589-090-1      Samp Amt: 3000        Multiplr: 1
      Matrix          :Liquid           Sublist          :Method Default
      Spikelist       :Method Default   Re-inject        :No
  ---------------------------------------------------------------------
  7   Type: SB          Spike Blank (11-07-2006)
      Vial: 7           WG89086;BL#676;SS#969x200;SS#1205/1315
      Method  : PHPAH.M
      Datafile: WG89086-1.D
      Bar Code: 423589-090-1      Samp Amt: 3000        Multiplr: 1
      Matrix          :Liquid           Sublist          :Method Default
      Spikelist       :Method Default   Re-inject        :No
  ---------------------------------------------------------------------
  8   Type: SBD         Spike Blank Dup (11-08-2006)

  Sequence Last Modified  Thu Dec 14 06:04:46 2006        Page: 1
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    Vial: 8          WG89086;BL#676;SS#969x200;SS#1205/1315
    Method  : PHPAH.M
    Datafile: WG89086-3.D
    Bar Code: 423589-090-1     Samp Amt: 3000       Multiplr: 1
    Matrix          :Liquid          Sublist          :Method Default
    Spikelist       :Method Default  Re-inject        :No
-----------------------------------------------------------------------
9   Type: Sample     Lower Duwamish Phthalate Studies
    Vial: 9          WG89086;BL#676;SS#969x200;SS#1205/1315
    Method  : PHPAH.M
    Datafile: L40900-1.D
    Bar Code: 423589-090-1     Samp Amt: 2680       Multiplr: 10
    Matrix          :Liquid          Sublist          :Method Default
    Spikelist       :Method Default  Re-inject        :No
-----------------------------------------------------------------------
10  Type: Sample     Lower Duwamish Phthalate Studies
    Vial: 10         WG89086;BL#676;SS#969x200;SS#1205/1315
    Method  : PHPAH.M
    Datafile: L40900-2.D
    Bar Code: 423589-090-1     Samp Amt: 2690       Multiplr: 10
    Matrix          :Liquid          Sublist          :Method Default
    Spikelist       :Method Default  Re-inject        :No
-----------------------------------------------------------------------
11  Type: Sample     Lower Duwamish Phthalate Studies
    Vial: 11         WG89086;BL#676;SS#969x200;SS#1205/1315
    Method  : PHPAH.M
    Datafile: L40900-3.D
    Bar Code: 423589-090-1     Samp Amt: 2780       Multiplr: 10
    Matrix          :Liquid          Sublist          :Method Default
    Spikelist       :Method Default  Re-inject        :No
-----------------------------------------------------------------------
12  Type: Sample     Lower Duwamish Phthalate Studies
    Vial: 12         WG89086;BL#676;SS#969x200;SS#1205/1315
    Method  : PHPAH.M
    Datafile: L40900-4.D
    Bar Code: 423589-090-1     Samp Amt: 2800       Multiplr: 10
    Matrix          :Liquid          Sublist          :Method Default
    Spikelist       :Method Default  Re-inject        :No
-----------------------------------------------------------------------
13  Type: Sample     Lower Duwamish Phthalate Studies
    Vial: 13         WG89086;BL#676;SS#969x200;SS#1205/1315
    Method  : PHPAH.M
    Datafile: L40900-5.D
    Bar Code: 423589-090-1     Samp Amt: 2850       Multiplr: 10
    Matrix          :Liquid          Sublist          :Method Default
    Spikelist       :Method Default  Re-inject        :No
-----------------------------------------------------------------------
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KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 12/20/06 10:57 - Data Source: ELD

Sample#: WG89086-1	Matrix: BLANK WTR	List Type:	ORPHPAHSOURCE		
	Project:	Run ID:	R117885	Col. Date:	
	Locator: SB	Work Group:	WG89086	Rec. Date:	16-NOV-06
	Site: NONE	QC Type:	SB	Due Date:	
	Method Code: 8270B				

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug/L	<MDL	.013	.0267	
Acenaphthylene	.0638	ug/L		.0067	.0133	
Dimethyl Phthalate	.0952	ug/L		.0067	.0133	
Acenaphthene		ug/L	<MDL	.0067	.0133	
Fluorene	.0889	ug/L		.0067	.0133	
Diethyl Phthalate	.143	ug/L		.01	.02	
Phenanthrene	.117	ug/L		.0067	.0133	
Anthracene	.107	ug/L		.0067	.0133	
Di-N-Butyl Phthalate	.201	ug/L		.0067	.0133	
Fluoranthene		ug/L	<MDL	.0067	.0133	
Pyrene	.153	ug/L		.0067	.0133	
Benzyl Butyl Phthalate	.219	ug/L		.0067	.0133	
Benzo(a)anthracene	.151	ug/L		.0067	.0133	
Chrysene	.143	ug/L		.0067	.0133	
Bis(2-Ethylhexyl)Phthalate	.2	ug/L		.0067	.0133	
Di-N-Octyl Phthalate		ug/L	<MDL	.01	.02	
Benzo(b)fluoranthene	.131	ug/L		.01	.02	
Benzo(k)fluoranthene	.131	ug/L		.01	.02	
Benzo(a)pyrene	.116	ug/L		.01	.02	
Indeno(1,2,3-Cd)Pyrene	.0798	ug/L		.01	.02	
Dibenzo(a,h)anthracene	.0871	ug/L		.01	.02	
Benzo(g,h,i)perylene	.0778	ug/L		.01	.02	
2-Methylnaphthalene		ug/L	<MDL	.01	.02	
d14-Terphenyl	.341	ug/L		.0067	.0133	
D6-Dimethyl Phthalate	.11	ug/L		.0067	.0133	
D8-Acenaphthylene	.0833	ug/L		.0067	.0133	
D10-Fluorene	.0996	ug/L		.0067	.0133	
D10-Anthracene	.131	ug/L		.0067	.0133	
D10-Pyrene	.182	ug/L		.0067	.0133	
D12-Benzo(a)pyrene	.154	ug/L		.0067	.0133	
Amount Analyzed	3000	ml				
Standard Amount	1000	ml				
Dilution Factor	1	none				
Date Analyzed						14-DEC-06
Operator ID						Dave Fada
Porthandler File						/usr/users/seed2/METROS3/files/gcms/WG89086-1.rp
Instrument ID						6890n.i
Prep Date						07-NOV-06

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
d14-Terphenyl	82	33-141
D6-Dimethyl Phthalate	66	0-150
D8-Acenaphthylene	50	0-150
D10-Fluorene	60	0-150
D10-Anthracene	78	0-150
D10-Pyrene	109	0-150
D12-Benzo(a)pyrene	92	0-150

KCSlip4 58709

SEA425008

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 12/20/06 10:57 - Data Source: ELD

Sample#: WG89086-2	Matrix: BLANK WTR	List Type:	ORPHPAHSOURCE		
	Project:	Run ID:	R117885	Col. Date:	
	Locator: MB	Work Group:	WG89086	Rec. Date:	16-NOV-06
	Site: NONE	QC Type:	MB	Due Date:	
	Method Code: 8270B				

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug/L	<MDL	.013	.0267	
Acenaphthylene		ug/L	<MDL	.0067	.0133	
Dimethyl Phthalate		ug/L	<MDL	.0067	.0133	
Acenaphthene		ug/L	<MDL	.0067	.0133	
Fluorene		ug/L	<MDL	.0067	.0133	
Diethyl Phthalate	.011	ug/L	<RDL,B	.01	.02	
Phenanthrene		ug/L	<MDL	.0067	.0133	
Anthracene		ug/L	<MDL	.0067	.0133	
Di-N-Butyl Phthalate	.0236	ug/L	B	.0067	.0133	
Fluoranthene		ug/L	<MDL	.0067	.0133	
Pyrene		ug/L	<MDL	.0067	.0133	
Benzyl Butyl Phthalate	.011	ug/L	<RDL,B	.0067	.0133	
Benzo(a)anthracene		ug/L	<MDL	.0067	.0133	
Chrysene		ug/L	<MDL	.0067	.0133	
Bis(2-Ethylhexyl)Phthalate	.0442	ug/L	B	.0067	.0133	
Di-N-Octyl Phthalate		ug/L	<MDL	.01	.02	
Benzo(b)fluoranthene		ug/L	<MDL	.01	.02	
Benzo(k)fluoranthene		ug/L	<MDL	.01	.02	
Benzo(a)pyrene		ug/L	<MDL	.01	.02	
Indeno(1,2,3-Cd)Pyrene		ug/L	<MDL	.01	.02	
Dibenzo(a,h)anthracene		ug/L	<MDL	.01	.02	
Benzo(g,h,i)perylene		ug/L	<MDL	.01	.02	
2-Methylnaphthalene		ug/L	<MDL	.01	.02	
d14-Terphenyl	.349	ug/L		.0067	.0133	
D6-Dimethyl Phthalate	.107	ug/L		.0067	.0133	
D8-Acenaphthylene	.075	ug/L		.0067	.0133	
D10-Fluorene	.0931	ug/L		.0067	.0133	
D10-Anthracene	.135	ug/L		.0067	.0133	
D10-Pyrene	.194	ug/L		.0067	.0133	
D12-Benzo(a)pyrene	.174	ug/L		.0067	.0133	
Amount Analyzed	3000	ml				
Standard Amount	1000	ml				
Dilution Factor	1	none				
Date Analyzed						14-DEC-06
Operator ID						Dave Fada
Porthandler File						/usr/users/seed2/METRO83/files/gcms/WG89086-2.rp
Instrument ID						6890n.1
Prep Date						07-NOV-06

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
d14-Terphenyl	84	33-141
D6-Dimethyl Phthalate	64	0-150
D8-Acenaphthylene	45	0-150
D10-Fluorene	56	0-150
D10-Anthracene	81	0-150
D10-Pyrene	116	0-150
D12-Benzo(a)pyrene	104	0-150

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 12/20/06 10:57 - Data Source: ELD

Sample#: WG89086-3	Matrix: BLANK WTR	List Type:	ORPHPAHSOURCE		
	Project:	Run ID:	R117885	Col. Date:	
	Locator: SBD	Work Group:	WG89086	Rec. Date:	16-NOV-06
	Site: NONE	QC Type:	SBD	Due Date:	
	Method Code: 8270B				

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug/L	<MDL	.013	.0267	
Acenaphthylene	.0772	ug/L		.0067	.0133	
Dimethyl Phthalate	.105	ug/L		.0067	.0133	
Acenaphthene		ug/L	<MDL	.0067	.0133	
Fluorene	.103	ug/L		.0067	.0133	
Diethyl Phthalate	.154	ug/L		.01	.02	
Phenanthrene	.128	ug/L		.0067	.0133	
Anthracene	.115	ug/L		.0067	.0133	
Di-N-Butyl Phthalate	.206	ug/L		.0067	.0133	
Fluoranthene		ug/L	<MDL	.0067	.0133	
Pyrene	.154	ug/L		.0067	.0133	
Benzyl Butyl Phthalate	.216	ug/L		.0067	.0133	
Benzo(a)anthracene	.151	ug/L		.0067	.0133	
Chrysene	.146	ug/L		.0067	.0133	
Bis(2-Ethylhexyl)Phthalate	.215	ug/L		.0067	.0133	
Di-N-Octyl Phthalate		ug/L	<MDL	.01	.02	
Benzo(b)fluoranthene	.139	ug/L		.01	.02	
Benzo(k)fluoranthene	.142	ug/L		.01	.02	
Benzo(a)pyrene	.125	ug/L		.01	.02	
Indeno(1,2,3-Cd)Pyrene	.0963	ug/L		.01	.02	
Dibenzo(a,h)anthracene	.105	ug/L		.01	.02	
Benzo(g,h,i)perylene	.0931	ug/L		.01	.02	
2-Methylnaphthalene		ug/L	<MDL	.01	.02	
d14-Terphenyl	.328	ug/L		.0067	.0133	
D6-Dimethyl Phthalate	.121	ug/L		.0067	.0133	
D8-Acenaphthylene	.107	ug/L		.0067	.0133	
D10-Fluorene	.12	ug/L		.0067	.0133	
D10-Anthracene	.14	ug/L		.0067	.0133	
D10-Pyrene	.181	ug/L		.0067	.0133	
D12-Benzo(a)pyrene	.159	ug/L		.0067	.0133	
Amount Analyzed	3000	ml				
Standard Amount	1000	ml				
Dilution Factor	1	none				
Date Analyzed						14-DEC-06
Operator ID						Dave Fada
Porthandler File						/usr/users/seed2/METROS3/files/gcms/WG89086-3.rp
Instrument ID						6890n.i
Prep Date						07-NOV-06

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
d14-Terphenyl	79	33-141
D6-Dimethyl Phthalate	72	0-150
D8-Acenaphthylene	64	0-150
D10-Fluorene	72	0-150
D10-Anthracene	84	0-150
D10-Pyrene	109	0-150
D12-Benzo(a)pyrene	95	0-150

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 12/20/06 10:57 - Data Source: ELD

Sample#: WG89086-4	Matrix:	BLANK WTR	List Type:	ORPHPAHSOURCE	
	Project:		Run ID:	R117885	Col. Date:
	Locator:	MB	Work Group:	WG89086	Rec. Date: 16 NOV 06
	Site:	NONE	QC Type:	MB	Due Date:
	Method Code:	8270B			

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug/L	<MDL	.013	.0267	
Acenaphthylene		ug/L	<MDL	.0067	.0133	
Dimethyl Phthalate		ug/L	<MDL	.0067	.0133	
Acenaphthene		ug/L	<MDL	.0067	.0133	
Fluorene		ug/L	<MDL	.0067	.0133	
Diethyl Phthalate		ug/L	<MDL	.01	.02	
Phenanthrene		ug/L	<MDL	.0067	.0133	
Anthracene		ug/L	<MDL	.0067	.0133	
Di-N-Butyl Phthalate	.0242	ug/L	B	.0067	.0133	
Fluoranthene		ug/L	<MDL	.0067	.0133	
Pyrene		ug/L	<MDL	.0067	.0133	
Benzyl Butyl Phthalate	.011	ug/L	<RDL,B	.0067	.0133	
Benzo(a)anthracene		ug/L	<MDL	.0067	.0133	
Chrysene		ug/L	<MDL	.0067	.0133	
Bis(2-Ethylhexyl)Phthalate	.0524	ug/L	B	.0067	.0133	
Di-N-Octyl Phthalate		ug/L	<MDL	.01	.02	
Benzo(b)fluoranthene		ug/L	<MDL	.01	.02	
Benzo(k)fluoranthene		ug/L	<MDL	.01	.02	
Benzo(a)pyrene		ug/L	<MDL	.01	.02	
Indeno(1,2,3-Cd)Pyrene		ug/L	<MDL	.01	.02	
Dibenzo(a,h)anthracene		ug/L	<MDL	.01	.02	
Benzo(g,h,i)perylene		ug/L	<MDL	.01	.02	
2-Methylnaphthalene		ug/L	<MDL	.01	.02	
d14-Terphenyl	.36	ug/L		.0067	.0133	
D6-Dimethyl Phthalate	.106	ug/L		.0067	.0133	
D8-Acenaphthylene	.0884	ug/L		.0067	.0133	
D10-Fluorene	.0996	ug/L		.0067	.0133	
D10-Anthracene	.144	ug/L		.0067	.0133	
D10-Pyrene	.194	ug/L		.0067	.0133	
D12-Benzo(a)pyrene	.181	ug/L		.0067	.0133	
Amount Analyzed	3000	ml				
Standard Amount	1000	ml				
Dilution Factor	1	none				
Date Analyzed						14-DEC-06
Operator ID						Dave Fada
Porthandler File						/usr/users/seed2/METROS3/file s/gcms/WG89086-4.rp
Instrument ID						6890n.i
Prep Date						07-NOV-06

SURROGATE RECOVERY INFORMATION

Parameter	% Rec	Lab Limits
d14-Terphenyl	87	33-141
D6-Dimethyl Phthalate	64	0-150
D8-Acenaphthylene	53	0-150
D10-Fluorene	60	0-150
D10-Anthracene	87	0-150
D10-Pyrene	117	0-150
D12-Benzo(a)pyrene	109	0-150

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 12/20/06 10:56 - Data Source: ELD

Sample#: L40900-1	Matrix:	STORM WTR	List Type:	ORPHPAHSOURCE	
	Project:	423589-090-1	Run ID:	R117885	Col. Date: 01-NOV-06
	Locator:	BWR	Work Group:	WG39086	Rec. Date: 01-NOV-06
	Site:	METRO	QC Type:		Due Date: 01-DEC-06
	Method Code:	8270B			

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug/L	<MDL	.15	.299	
Acenaphthylene		ug/L	<MDL	.075	.149	
Dimethyl Phthalate		ug/L	<MDL	.075	.149	
Acenaphthene		ug/L	<MDL	.075	.149	
Fluorene		ug/L	<MDL	.075	.149	
Diethyl Phthalate		ug/L	<MDL	.11	.224	
Phenanthrene		ug/L	<MDL	.075	.149	
Anthracene		ug/L	<MDL	.075	.149	
Di-N-Butyl Phthalate		ug/L	<MDL	.075	.149	
Fluoranthene	.089	ug/L	<RDL	.075	.149	
Pyrene	.089	ug/L	<RDL	.075	.149	
Benzyl Butyl Phthalate	.343	ug/L		.075	.149	
Benzo(a)anthracene		ug/L	<MDL	.075	.149	
Chrysene	.076	ug/L	<RDL	.075	.149	
Bis(2-Ethylhexyl)Phthalate	2.19	ug/L		.075	.149	
Di-N-Octyl Phthalate		ug/L	<MDL	.11	.224	
Benzo(b)fluoranthene		ug/L	<MDL	.11	.224	
Benzo(k)fluoranthene		ug/L	<MDL	.11	.224	
Benzo(a)pyrene		ug/L	<MDL	.11	.224	
Indeno(1,2,3-Cd)Pyrene		ug/L	<MDL	.11	.224	
Dibenzo(a,h)anthracene		ug/L	<MDL	.11	.224	
Benzo(g,h,i)perylene		ug/L	<MDL	.11	.224	
2-Methylnaphthalene		ug/L	<MDL	.11	.224	
d14-Terphenyl	.456	ug/L		.075	.149	
D6-Dimethyl Phthalate	.11	ug/L	<RDL	.075	.149	
D8-Acenaphthylene		ug/L	<MDL	.075	.149	
D10-Fluorene		ug/L	<MDL	.075	.149	
D10-Anthracene		ug/L	<MDL	.075	.149	
D10-Pyrene	.068	ug/L	<RDL	.0075	.149	
D12-Benzo(a)pyrene	.13	ug/L	<RDL	.075	.149	
Amount Analyzed	2680	ml				
Standard Amount	1000	ml				
Dilution Factor	10	none				
Date Analyzed						14-DEC-06
Operator ID						Dave Fada
Porthandler File						/usr/users/seed2/METROS3/files/gcms/L40900-1.rp
Instrument ID						6890n.i
Prep Date						07-NOV-06

SURROGATE RECOVERY INFORMATION

Parameter	% Rec		Lab Limits
d14-Terphenyl	98		33-141
D6-Dimethyl Phthalate	60		0-150
D8-Acenaphthylene	0	*	0-150
D10-Fluorene	0	*	0-150
D10-Anthracene	0	*	0-150
D10-Pyrene	37		0-150
D12-Benzo(a)pyrene	72		0-150

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KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 12/20/06 10:56 - Data Source: ELD

Sample#: L40900-2	Matrix: STORM WTR	List Type: ORPHPAHSOURCE			
	Project: 423589-090-1	Run ID: R117885	Col. Date: 01-NOV-06		
	Locator: CER	Work Group: WG89086	Rec. Date: 01-NOV-06		
	Site: METRO	QC Type:	Due Date: 01-DEC-06		
	Method Code: 8270B				

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug/L	<MDL	.15	.297	
Acenaphthylene		ug/L	<MDL	.074	.149	
Dimethyl Phthalate		ug/L	<MDL	.074	.149	
Acenaphthene		ug/L	<MDL	.074	.149	
Fluorene		ug/L	<MDL	.074	.149	
Diethyl Phthalate		ug/L	<MDL	.11	.223	
Phenanthrene	.16	ug/L		.074	.149	
Anthracene		ug/L	<MDL	.074	.149	
Di-N-Butyl Phthalate	.076	ug/L	<RDL	.074	.149	
Fluoranthene	.213	ug/L		.074	.149	
Pyrene	.186	ug/L		.074	.149	
Benzyl Butyl Phthalate	.364	ug/L		.074	.149	
Benzo(a)anthracene		ug/L	<MDL	.074	.149	
Chrysene	.154	ug/L		.074	.149	
Bis(2-Ethylhexyl)Phthalate	2.09	ug/L		.074	.149	
Di-N-Octyl Phthalate		ug/L	<MDL	.11	.223	
Benzo(b)fluoranthene		ug/L	<MDL	.11	.223	
Benzo(k)fluoranthene		ug/L	<MDL	.11	.223	
Benzo(a)pyrene		ug/L	<MDL	.11	.223	
Indeno(1,2,3-Cd)Pyrene		ug/L	<MDL	.11	.223	
Dibenzo(a,h)anthracene		ug/L	<MDL	.11	.223	
Benzo(g,h,i)perylene	.16	ug/L	<RDL	.11	.223	
2-Methylnaphthalene		ug/L	<MDL	.11	.223	
d14-Terphenyl	.445	ug/L		.074	.149	
D6 Dimethyl Phthalate	.035	ug/L	<RDL	.0074	.149	
D8-Acenaphthylene		ug/L	<MDL	.074	.149	
D10-Fluorene		ug/L	<MDL	.074	.149	
D10-Anthracene		ug/L	<MDL	.074	.149	
D10-Pyrene	.039	ug/L	<RDL	.0074	.149	
D12-Benzo(a)pyrene	.14	ug/L	<RDL	.074	.149	
Amount Analyzed	2690	ml				
Standard Amount	1000	ml				
Dilution Factor	10	none				
Date Analyzed						14-DEC-06
Operator ID						Dave Fada
Porthandler File						/usr/users/seed2/METROS3/file s/gcms/L40900-2.rp
Instrument ID						6890n.i
Prep Date						07-NOV-06

SURROGATE RECOVERY INFORMATION

Parameter	% Rec		Lab Limits
d14-Terphenyl	96		33-141
D6-Dimethyl Phthalate	19		0-150
D8-Acenaphthylene	0	*	0-150
D10-Fluorene	0	*	0-150
D10-Anthracene	0	*	0-150
D10-Pyrene	21		0-150
D12-Benzo(a)pyrene	74		0-150

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 12/20/06 10:56 - Data Source: ELD

Sample#: L40900-3	Matrix:	STORM WTR	List Type:	ORPHPAHSOURCE	
	Project:	423589-090-1	Run ID:	R117885	Col. Date: 01-NOV-06
	Locator:	DZ	Work Group:	WG89086	Rec. Date: 01-NOV-06
	Site:	METRO	QC Type:		Due Date: 01-DEC-06
	Method Code:	8270B			

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug/L	<MDL	.14	.288	
Acenaphthylene		ug/L	<MDL	.072	.144	
Dimethyl Phthalate		ug/L	<MDL	.072	.144	
Acenaphthene		ug/L	<MDL	.072	.144	
Fluorene		ug/L	<MDL	.072	.144	
Diethyl Phthalate		ug/L	<MDL	.11	.216	
Phenanthrene	.14	ug/L	<RDL	.072	.144	
Anthracene		ug/L	<MDL	.072	.144	
Di-N-Butyl Phthalate	.099	ug/L	<RDL	.072	.144	
Fluoranthene	.255	ug/L		.072	.144	
Pyrene	.222	ug/L		.072	.144	
Benzyl Butyl Phthalate	.286	ug/L		.072	.144	
Benzo(a)anthracene	.074	ug/L	<RDL	.072	.144	
Chrysene	.174	ug/L		.072	.144	
Bis(2-Ethylhexyl)Phthalate	1.79	ug/L		.072	.144	
Di-N-Octyl Phthalate	.647	ug/L		.11	.216	
Benzo(b)fluoranthene	.15	ug/L	<RDL	.11	.216	
Benzo(k)fluoranthene	.11	ug/L	<RDL	.11	.216	
Benzo(a)pyrene		ug/L	<MDL	.11	.216	
Indeno(1,2,3-Cd)Pyrene	.12	ug/L	<RDL	.11	.216	
Dibenzo(a,h)anthracene		ug/L	<MDL	.11	.216	
Benzo(g,h,i)perylene	.2	ug/L	<RDL	.11	.216	
2-Methylnaphthalene		ug/L	<MDL	.11	.216	
d14-Terphenyl	.449	ug/L		.072	.144	
D6-Dimethyl Phthalate		ug/L	<MDL	.072	.144	
D8-Acenaphthylene		ug/L	<MDL	.072	.144	
D10-Fluorene		ug/L	<MDL	.072	.144	
D10-Anthracene		ug/L	<MDL	.072	.144	
D10-Pyrene	.043	ug/L	<RDL	.0072	.144	
D12-Benzo(a)pyrene	.083	ug/L	<RDL	.072	.144	
Amount Analyzed	2780	ml				
Standard Amount	1000	ml				
Dilution Factor	10	none				
Date Analyzed						14-DEC-06
Operator ID						Dave Fada
Porthandler File						/usr/users/seed2/METROS3/files/gcms/L40900-3.rp
Instrument ID						6890n.1
Prep Date						07-NOV-06

SURROGATE RECOVERY INFORMATION

Parameter	% Rec		Lab Limits
d14-Terphenyl	100		33-141
D6-Dimethyl Phthalate	0	*	0-150
D8-Acenaphthylene	0	*	0-150
D10-Fluorene	0	*	0-150
D10-Anthracene	0	*	0-150
D10-Pyrene	24		0-150
D12-Benzo(a)pyrene	46		0-150

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 12/20/06 10:57 - Data Source: ELD

Sample#: L40900-4	Matrix:	STORM WTR	List Type:	ORPHPAHSOURCE	
	Project:	423589-090-1	Run ID:	R117885	Col. Date: 01-NOV-06
	Locator:	KCIA	Work Group:	WG89086	Rec. Date: 01-NOV-06
	Site:	METRO	QC Type:		Due Date: 01-DEC-06
	Method Code:	8270B			

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug/L	<MDL	.14	.286	
Acenaphthylene		ug/L	<MDL	.071	.143	
Dimethyl Phthalate		ug/L	<MDL	.071	.143	
Acenaphthene		ug/L	<MDL	.071	.143	
Fluorene	.077	ug/L	<RDL	.071	.143	
Diethyl Phthalate		ug/L	<MDL	.11	.214	
Phenanthrene	1.56	ug/L		.071	.143	
Anthracene	.15	ug/L		.071	.143	
Di-N-Butyl Phthalate	.093	ug/L	<RDL	.071	.143	
Fluoranthene	4.29	ug/L		.071	.143	
Pyrene	3.38	ug/L		.071	.143	
Benzyl Butyl Phthalate	.235	ug/L		.071	.143	
Benzo(a)anthracene	1.17	ug/L		.071	.143	
Chrysene	2.57	ug/L		.071	.143	
Bis(2-Ethylhexyl)Phthalate	1.9	ug/L		.071	.143	
Di-N-Octyl Phthalate		ug/L	<MDL	.11	.214	
Benzo(b)fluoranthene	2.74	ug/L		.11	.214	
Benzo(k)fluoranthene	1.88	ug/L		.11	.214	
Benzo(a)pyrene	1.68	ug/L		.11	.214	
Indeno(1,2,3-Cd)Pyrene	2.07	ug/L		.11	.214	
Dibenzo(a,h)anthracene	.566	ug/L		.11	.214	
Benzo(g,h,i)perylene	2.4	ug/L		.11	.214	
2-Methylnaphthalene		ug/L	<MDL	.11	.214	
d14-Terphenyl	.436	ug/L		.071	.143	
D6-Dimethyl Phthalate	.046	ug/L	<RDL	.0071	.143	
D8-Acenaphthylene		ug/L	<MDL	.071	.143	
D10-Fluorene		ug/L	<MDL	.071	.143	
D10-Anthracene		ug/L	<MDL	.071	.143	
D10-Pyrene	.068	ug/L	<RDL	.0071	.143	
D12-Benzo(a)pyrene	.12	ug/L	<RDL	.071	.143	
Amount Analyzed	2800	ml				
Standard Amount	1000	ml				
Dilution Factor	10	none				
Date Analyzed						14-dec-2006 00:00
Operator ID						Dave Fada
Porthandler File						/usr/users/seed2/METROS3/file s/gcms/L40900-4.rp
Instrument ID						6890n.i
Prep Date						07-NOV-06

SURROGATE RECOVERY INFORMATION

Parameter	% Rec		Lab Limits
d14-Terphenyl	98		33-141
D6-Dimethyl Phthalate	26		0-150
D8-Acenaphthylene	0	*	0-150
D10-Fluorene	0	*	0-150
D10-Anthracene	0	*	0-150
D10-Pyrene	38		0-150
D12-Benzo(a)pyrene	68		0-150

KING COUNTY METRO ENVIRONMENTAL LABORATORY
Lab Review Report - 12/20/06 10:57 - Data Source: ELD

Sample#: L40900-5	Matrix: STORM WTR	List Type: ORPHPAHSOURCE			
	Project: 423589-090-1	Run ID: R117885		Col. Date:	01-NOV-06
	Locator: SPCC	Work Group: WG89086		Rec. Date:	01-NOV-06
	Site: METRO	QC Type:		Due Date:	01-DEC-06
	Method Code: 8270B				

Parameter	Value	Units	Valq	Mdl	Rdl	Textvalue
Naphthalene		ug/L	<MDL	.14	.281	
Acenaphthylene		ug/L	<MDL	.07	.14	
Dimethyl Phthalate		ug/L	<MDL	.07	.14	
Acenaphthene		ug/L	<MDL	.07	.14	
Fluorene		ug/L	<MDL	.07	.14	
Diethyl Phthalate		ug/L	<MDL	.11	.211	
Phenanthrene	.11	ug/L	<RDL	.07	.14	
Anthracene		ug/L	<MDL	.07	.14	
Di-N-Butyl Phthalate	.193	ug/L		.07	.14	
Fluoranthene	.194	ug/L		.07	.14	
Pyrene	.176	ug/L		.07	.14	
Benzyl Butyl Phthalate	1.17	ug/L		.07	.14	
Benzo(a)anthracene		ug/L	<MDL	.07	.14	
Chrysene	.13	ug/L	<RDL	.07	.14	
Bis(2-Ethylhexyl)Phthalate	2.78	ug/L		.07	.14	
Di-N-Octyl Phthalate		ug/L	<MDL	.11	.211	
Benzo(b)fluoranthene	.11	ug/L	<RDL	.11	.211	
Benzo(k)fluoranthene		ug/L	<MDL	.11	.211	
Benzo(a)pyrene		ug/L	<MDL	.11	.211	
Indeno(1,2,3-Cd)Pyrene		ug/L	<MDL	.11	.211	
Dibenzo(a,h)anthracene		ug/L	<MDL	.11	.211	
Benzo(g,h,i)perylene	.13	ug/L	<RDL	.11	.211	
2-Methylnaphthalene		ug/L	<MDL	.11	.211	
d14-Terphenyl	.393	ug/L		.07	.14	
D6-Dimethyl Phthalate	.031	ug/L	<RDL	.007	.14	
D8-Acenaphthylene		ug/L	<MDL	.07	.14	
D10-Fluorene		ug/L	<MDL	.07	.14	
D10-Anthracene		ug/L	<MDL	.07	.14	
D10-Pyrene	.078	ug/L	<RDL	.07	.14	
D12-Benzo(a)pyrene	.11	ug/L	<RDL	.07	.14	
Amount Analyzed	2850	ml				
Standard Amount	1000	ml				
Dilution Factor	10	none				
Date Analyzed						14-DEC-06
Operator ID						Dave Fada
Porthandler File						/usr/users/seed2/METROS3/file s/gcms/L40900-5.rp
Instrument ID						6890n.i
Prep Date						07-NOV-06

SURROGATE RECOVERY INFORMATION

Parameter	% Rec		Lab Limits
d14-Terphenyl	90		33-141
D6-Dimethyl Phthalate	17		0-150
D8-Acenaphthylene	0	*	0-150
D10-Fluorene	0	*	0-150
D10-Anthracene	0	*	0-150
D10-Pyrene	44		0-150
D12-Benzo(a)pyrene	60		0-150